



VENKATESH SANGEETA

MTECH- I.C. ENGINES

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### **CAREER OBJECTIVE:**

Aim to be placed in Organization that gives me scope to update my Knowledge & Skills in accordance with the latest trends and be a part of team that dynamically works towards growth of Organization thereof.

### **EDUCATION PROFILE:**

DEGREE	YEAR OF PASSING	INSTITUTE NAME	UNIVERSITY	AGGREGATE
M TECH I C Engines	2017	VELTECH UNIVERSITY- ARAI ACADEMY	VELTECH UNIVERSITY- CHENNAI	7.54 CGPA
B TECH MECHANICAL	2014	ADITYA ENGINEERING COLLEGE	JAWARLAL NEHRU TECHNOLOGICAL UNIVERSITY	78.18 %
INTERMEDIATE	2010	NARAYANA JUNIOR COLLEGE	ANDHRA PRADESH STATE BOARD	85.3 %
SSC	2008	SRI GOWTHAMI PUBLIC SCHOOL	ANDHRA PRADESH STATE BOARD	86.16 %

### **M.TECH PROJECT:**

**Title:** Development of regenerative braking control for Hybrid Electric vehicle (HEV) application.

**Description:** Regenerative is a core technology for increasing the fuel-efficiency of the Hybrid Electric Vehicle equipped with energy storage system such as battery which stores kinetic energy and retrieve it when necessary. In this we use MATLAB/SIMULINK environment along with ADVISOR simulation tool for simulation purpose.

### **B.TECH FINAL YEAR PROJECT:**

**Title:** Design and fabrication of an ATV (All Terrain Vehicle).

**Description:** The objective of the project is to design and fabricate an ATV-ALL TERRAIN VEHICLE, to tackle any off -road track and off – road environment. We intend to design the ATV in Pro-E and Catia .After which the finalized design would be simulated in Nastran FX, Ansys, Hyperworks. On achieving satisfactory and safe results we would fabricate the finalized design employing suitable Yet best in class fabrication Techniques.

**AREA OF INTEREST:**

- COMBUSTION
- PRODUCTION TECHNOLOGY

**TECHNICAL SKILLS:**

- Knowledge in .MATLAB-SIMULINK, ADVISOR
- Fundamentals in Auto CAD, CATIA, ANSYS.

**ACHIEVEMENTS:**

- Participated in TATA MOTORS “DELTA SHOOT OUT 2014”, National Level Design Competition Students Vehicle held at NIT JAMSHEDPUR by our team “MAVENS”.
- Participated in virtual BAJA SAEINDIA 2014 Organized by SAEINDIA held at Bangalore.
- Stood in Top position in the quiz held in Automobile workshop in VEDA technical fest at ADITYA Engineering college.
- Presented a paper on EXHAUST GAS RECIRCULATION at NCDMC-2016 held at VELTECH UNIVERSITY, CHENNAI.

**WORKSHOPS:**

- Participated in Automobile workshop in VEDA technical fest: It is organized by Horizon (A Unit of MBS Group) named after AUTO SPARK Where workshop has been held on Automobile and Internal combustion Engine Design.

**INTERNSHIP:**

- Participated in the internship program conducted by Experts Hub (Industry skill development center) in Advanced Automobile Technologies at Saveetha University.

**ADDITIONAL COURSES & CERTIFICATIONS:**

PROFESSIONAL DEVELOPMENT PROGRAMME ON POWER TRAIN ENGINEERING	ARAI, PUNE	JUNE,2016
PROFESSIONAL DEVELOPMENT PROGRAMME ON AUTOMOTIVE ENGINEERING	ARAI, PUNE	JULY,2016

**EXTRA CURRICULAR ACTIVITIES:**

- Volunteer for VEDA, a National Level Technical fest and FETE stalls in COLOURS youth fest at my Graduation level.
- Acted as volunteer for ARAI open day and SIAT-2017.
- Acted as volunteer for NATIONAL CONFERENCE ON DESIGN, MATERIALS AND CONSTRUCTION-NCDMC 2016 at Chennai.

**PERSONAL DETAILS:**

- Father name : S.Satyanarayana.
- Mother name : S.V.V.Satyaveni.
- Address : D.no20-16-52, Karanamgari street,  
Thummalava, Rajahmundry.
- Languages : Telugu, English, Hindi, German(Level-A1).
- Hobbies : Listening to music, Reading News Paper,  
Riding bicycle.

**DECLARATION:** I hereby declare that the information furnished above is true to best of my Knowledge.

S.VENKATESH